

Monday, June 11, 2001

All proceedings held in the Charles Wetmore Room, Wente Vineyards

Format:

Informal moderated sessions with lots of room for discussion. Presenters are encouraged *not* to talk about what they already know, but to pose questions and suggest new ideas. We do not want this to be just another conference of well-prepared talks. PLEASE keep your presentation as informal and as interactive as you can.

8:00 - 9:00 **Continental breakfast and Welcoming Remarks**

Topic: *Algebraic Multigrid Methods*
Session Chairs: *John Ruge and Klaus Stueben*

9:00 - 10:30 Presentation(s). Lay out the issues for discussion.

10:30 - 11:00 **Break**

11:00 - 12:00 Moderated discussion

12:00 - 2:00 **Lunch & group discussions**

1:00 - 2:00 Planned discussion: TaxonAMG/AnatAMG: What are the ingredients of the algebraic methods and can we unify or at least categorize them? (led by Van Henson and Klaus Stueben)

Topic: *Algebraic Multigrid Methods*
Session Chairs: *Van Henson and Ulrike Meier Yang*

2:00 - 3:30 Presentation(s). Lay out the issues for discussion.

3:30 - 4:00 **Break**

4:00 - 5:00 Moderated discussion

5:30 - 8:30 **Dinner, Wente Vineyards Terrace**

8:30 Dr. Tom Manteuffel, SIAM President: "The Role of Computational Science and Engineering Within SIAM"
Wrap-up

Tuesday, June 12, 2001

All proceedings held in the Charles Wetmore Room, Wente Vineyards

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8:00 - 9:00 **Continental breakfast**

Topic: *Structured Multigrid and Systems*

Session Chairs: *Rob Falgout and Jim Jones*

9:00 - 10:30 Presentation(s). Lay out the issues for discussion.

10:30 - 11:00 **Break**

11:00 - 12:00 Moderated discussion

12:00 - 2:00 **Lunch & group discussions**

1:00 - 2:00 Planned Discussion: Dynamic AMG/Calibration: How can we learn how to improve a method by test driving it? (led by Rob Falgout and Tom Manteuffel)

Topic: *Algebraic Multigrid Methods*

Session Chairs: *Charles Tong and Edmond Chow*

2:00 - 3:30 Presentation(s). Lay out the issues for discussion.

3:30 - 4:00 **Break**

4:00 - 5:00 Moderated discussion

5:00 Wrap-up

Wednesday, June 13, 2001

All proceedings held in the Charles Wetmore Room, Wente Vineyards

Format:

Informal moderated sessions with lots of room for discussion. Presenters are encouraged *not* to talk about what they already know, but to pose questions and suggest new ideas. We do not want this to be just another conference of well-prepared talks. PLEASE keep your presentation as informal and as interactive as you can.

8:00 - 9:00

Continental breakfast

Topic:

Electromagnetics and Elasticity

Session Chairs:

Barry Lee and Panayot Vassilevski

9:00 - 10:30

Presentation(s). Lay out the issues for discussion.

10:30 - 11:00

Break

11:00 - 12:00

Moderated discussion

12:00 - 2:00

Lunch & group discussions

1:00 - 2:00

Planned Discussion: Challenges: What problems should we be worried about and what are their challenges (i.e. what aspects are not well treated with current methods)? (led by Steve McCormick and Panayot Vassilevski)

Topic:

Nonsymmetric Problems

Session Chairs:

Jim Jones and John Ruge

2:00 - 3:30

Presentation(s). Lay out the issues for discussion.

3:30 - 4:00

Break

4:00 - 5:00

Moderated discussion

5:00

Wrap-up